

WHAT IS CLAIMED IS:

1. A dry measuring test device, comprising a reagent layer comprising a reagent containing a chromogen and a matrix which retains said reagent in the form of a layer, for determining a substance to be measured in a liquid sample by measuring the degree of coloring of the chromogen generated through the reaction between the substance to be measured and the reagent in terms of reflectance of light entered into the reagent layer, wherein said reagent layer comprises polymer beads embedding light reflective particles.

2. The dry measuring test device as claimed in Claim 1, wherein said light reflective particles are selected from the group consisting of titanium dioxide, zinc oxide, barium sulfate, magnesium oxide, iron (III) oxide and iron (III) hydroxide.

3. The dry measuring test device as claimed in Claim 1, wherein said polymer beads contain as a main component a high molecular compound selected from the group consisting of: polymer or copolymer having as a main component monomers selected from the group consisting of acrylic acid, methacrylic acid, maleic acid, ester of these substances, styrene, and alkylstyrene; polyurethane; polyurea; polyethylene; polypropylene; and polyvinyl chloride.

4. The dry measuring test device as claimed in Claim 1, wherein an average particle diameter of the

polymer beads ranges from 1 to 40 μm .

5. The dry measuring test device as claimed in
Claim 4, wherein the light reflective particles are
contained in an amount of 10 to 70 w/v% based on the
total content of the polymer beads, and the polymer
beads are contained in an amount of 5 to 80 wt% based on
the total weight of the reagent layer.

6. A dry measuring test device, comprising a reagent layer comprising a reagent containing a chromogen and a matrix which retains said reagent in the form of a layer, for determining a substance to be measured in a liquid sample by measuring the degree of coloring of the chromogen generated through the reaction between the substance to be measured and the reagent in terms of reflectance of light entered into the reagent layer, wherein a light blocking layer containing light blocking particles is laminated on the reagent layer.

7. The dry measuring test device as claimed in
Claim 6, wherein the light blocking particles are
selected from the group consisting of carbon black, iron
(II) oxide, iron (II)iron (III) oxide, phthalocyanine
blue, and phthalocyanine green.

8. The dry measuring test device as claimed in
Claim 6, wherein the light blocking particles are
25 contained in an amount of 15 to 90 wt% based on the
total weight of the light blocking layer.

9. The dry measuring test device as claimed in

Claim 6, wherein the light blocking particles are contained in the light blocking layer in the form of polymer beads embedding them.

10. The dry measuring test device as claimed in
5 Claim 9, wherein the polymer beads contain as main
component a high molecular compound selected from the
group consisting of: polymer or copolymer having as the
main component monomers selected from the group
consisting of acrylic acid, methacrylic acid, maleic
10 acid, ester of these substances, styrene, and
alkylstyrene; polyurethane; polyurea; polyethylene;
polypropylene; and polyvinyl chloride.

11. The dry measuring test device as claimed in
Claim 9, wherein the light blocking particles are
15 contained in an amount of 10 to 70 w/v% based on the
total content of the polymer beads, and the polymer
beads are contained in the light blocking layer in an
amount of 30 to 90 wt% based on the total weight of the
light blocking layer.

20 12. The dry measuring test device as claimed in
Claim 9, wherein an average particle diameter of the
polymer beads ranges from 1 to 40 μm .

13. The dry measuring test device as claimed in
Claim 6, wherein the reagent layer further contains the
polymer beads embedding the light reflective particles.

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